

Table 3: p2p7p1p6

MAB ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species (Isotype)
118 LH-104-G	p2p7p1p6(1–5)	p24(363–368 BRU)	LAEAMS	no	Vaccine	murine(IgG1 κ)
Vaccine: <i>Vector/type:</i> peptide <i>Strain:</i> BRU References: [Haaheim (1991)] <ul style="list-style-type: none"> • LH-104-G: Reacts with both p24 and p55, in contrast to LH-104-I [Haaheim (1991)] • LH-104-G: UK Medical Research Council AIDS reagent: ARP320 • This peptide appears to overlap the p24-p2 cleavage site 						
119 i5B11	p2p7p1p6(19–28)	p7(5–14)	NFRNQRKIVK	no	Vaccine	rat(IgG2a)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7 References: [Otake (1994), Tanchou (1994), Tanchou (1995)] <ul style="list-style-type: none"> • i5B11: i5B11 and 15B11 may be two names for the same MAb • i5B11: Epitope mapped by ELISA and BIAcore – inhibits NCp7 primer tRNA binding [Tanchou (1994)] • i5B11: MAb reacts with NCp7, NCp15, and partially inhibits NCp7-tRNA interaction [Tanchou (1995)] 						
120 EC6	p2p7p1p6(45–54)	p15(408–417 HXB2)	PRKKGCKWCKG	no	Vaccine	murine(IgG2a κ)
Vaccine: <i>Vector/type:</i> recombinant protein <i>HIV component:</i> p24-p15 References: [Hinkula (1990)] <ul style="list-style-type: none"> • EC6: Epitope defined by peptide blocking of binding to native protein – WB reactive with p53 [Hinkula (1990)] 						
121 M12	p2p7p1p6(45–54)	p15(408–417 HXB2)	PRKKGCKWCKG	no	Vaccine	murine(IgG1 κ)
Vaccine: <i>Vector/type:</i> recombinant protein <i>HIV component:</i> p24-p15 References: [Hinkula (1990)] <ul style="list-style-type: none"> • M12: There is a p15 and a gp120 MAb both called M12 • M12: Epitope defined by peptide blocking of binding to native protein – WB reactive with p53 [Hinkula (1990)] 						
122 DG8	p2p7p1p6(66–81)	p7(52–67)	RQANFLGKIWPSYKGR		Vaccine	murine()
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7 References: [Tanchou (1995)] <ul style="list-style-type: none"> • DG8: Binds proximal to the second zinc-finger, inhibits NCp7-tRNA interaction [Tanchou (1995)] 						
123 EB5	p2p7p1p6(66–81)	p7(52–67)	RQANFLGKIWPSYKGR		Vaccine	murine()
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7 References: [Tanchou (1995)]						

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<ul style="list-style-type: none">EB5: Binds proximal to the second zinc-finger – mutation at position 59 (Lys to Ser) results in 10-fold reduction in reactivity [Tanchou (1995)]							
124	HH3	p2p7p1p6(66–81)	p7(52–67)	RQANFLGKIWPSYKGR	no	Vaccine	murine(IgG2b)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1994), Tanchou (1995)]							
<ul style="list-style-type: none">HH3: Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding [Tanchou (1994)]HH3: Binds proximal to the second zinc-finger [Tanchou (1995)]							
125	AD2	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">AD2: Binds at C term of NCp7 [Tanchou (1995)]							
126	CA5	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">CA5: Binds at C term of NCp7 [Tanchou (1995)]							
127	DF3	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">DF3: Binds at C term of NCp7 [Tanchou (1995)]							
128	EC3	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">EC3: Binds at C term of NCp7 [Tanchou (1995)]							
129	FC12	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">FC12: Binds at C term of NCp7, reacts with NCp15, inhibits NCp7-tRNA interaction [Tanchou (1995)]							
130	GE4	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7							
References: [Tanchou (1995)]							
<ul style="list-style-type: none">GE4: Binds at C term of NCp7 [Tanchou (1995)]							

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131	JB7	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7 References: [Tanchou (1995)] • JB7: Binds at C term of NCp7 [Tanchou (1995)]							
132	JF11	p2p7p1p6(78–86)	p7(64–72)	YKGRPGNFL	no	Vaccine	murine(IgG1)
Vaccine: <i>Vector/type:</i> protein <i>HIV component:</i> NCp7 References: [Tanchou (1994), Tanchou (1995)] • JF11: Epitopes mapped by ELISA and BIAcore – does not inhibit NCp7 primer tRNA binding [Tanchou (1994)] • JF11: Binds at C term of NCp7 [Tanchou (1995)]							